

**STATE OF WASHINGTON**  
**DEPARTMENT OF FISH & WILDLIFE**  
**LANDS AND RESTORATION SERVICES PROGRAM**  
Salmonid Screening, Habitat Enhancement &  
Restoration Division (SSHEAR)

**OFF-CHANNEL SITE INVENTORY DATA**

**General Information:**

<b>Region:</b> North Coast	<b>Observer(s):</b> Powell
<b>River System:</b> Sol Duc	<b>Date:</b> 2/18/98
<b>Site Identifier:</b> S-307L-06	<b>WRIA:</b> 20.0308C
<b>River Mile Location:</b> 3.5 mi (hip chained)	<b>RB/LB:</b> LB
<b>Local Name:</b> Large Pond Creek	<b>Trib. to:</b> 20.0307
<b>Legal Description:</b> SE¼ Sec11 T29N R13W	<b>County:</b> Clallam
<b>Habitat Type:</b> Terrace Tributary	
<b>Landowner:</b> ( ) Federal (X) State ( ) County ( ) Other Government (X) Private - Hancock Timber - Washington Dept of Natural Resources	

**Directions to site:**

Starting at Forks (Tillicum Park) drive north on Highway 101 for 5.3 miles (mp 197). Take a right on Maxfield Road and follow 0.65 mi to the logging road gate. A key to the gate can be obtained at the Rayonier Timber Office or DNR. Continue straight (crossing Shuwah Cr) for 0.4 mi and turn to the right. Continue following the road for 0.3 mi. At this point, there will be a road to the left going up a steep hill - take this road. Follow the road for 1.1 miles and there will be a stringer bridge. This is S-307L-06.

**Site Overview:**

The headwater of this channel is a large pond which has been misidentified. All accessed resource materials reported that this pond as the headwater of 20.0309 (S-0309). This unexplored pond has an impassable beaver dam at its egress and several smaller dams downstream. This channel flows through an alder/conifer forest, down a moderate gradient with varying amounts of spawnable gravel. Numerous right bank springs feed into this channel. This stream experiences flushing flows at times.

**Habitat Information:**

**Water source:** Tributaries and terrace runoff

**Intermittent/year-around:**

- Year-around

**Estimated flows (cfs):** 1 - 1.5

**Water temperatures:** Did not take

**Adjacent stream temperature:** Did not take (20.0307)

**Other water observations:**

**Site area measurements:** ☐ Indirect ☐ Direct ☒ Combination

Widths: Channel- 1.0 m - 2.0 m Ponds- 30 - 75 m Wetlands- NA

Depths: Channel- 5 cm - 15 cm Ponds- ? Wetlands- NA

Total length (includes ponds and wetlands): ~1200 m (pond length was estimated by aerial photo)

**Total existing habitat area (est.):** 26,050 m<sup>2</sup>

Spawning area: 300 m<sup>2</sup>

Impounded area: ~25,000 m<sup>2</sup>

Other rearing area: 750 m<sup>2</sup>

**Spawning Habitat conditions:** ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

**Describe spawning habitat:**

- There is some limited spawning gravel in the lower to mid reach.
- There are varying amounts of gravel, rubble, fine sediment and boulders.

**Rearing habitat conditions:** ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

**Describe pond and other rearing habitat:**

- This channel has an over-story of alder and conifer with brush along the banks.
- There is instream cover of small woody debris and overhang.
- This channel experiences some flushing flows.
- There is a series of small beaver dams in the upper reach.
- The outlet of the large pond is ~ 20 feet long beaver dam that has ~ 5 foot drop..

**Describe unaccessible habitat:**

- The large pond is unaccessible due to beaver dam.

**Describe wetland:** ☐ Bog ☐ Marsh ☐ Scrub-shrub Wetland ☒ Forested Wetland

- It appears that the parameter of the pond is a forested wetland.

**Flooding potential:** ☒ Low ☐ Medium ☐ High

**Fish Information:**

**Site entry condition to (20.0307):** ☒ Poor ☐ Fair ☐ Good

- There is ~1.5 foot drop over an imbedded log at the egress. The channel would be accessible to juveniles during higher flows.

**Coho access and use:**

Juvenile- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Adult- ☐ Unknown ☐ None ☒ Poor ☒ Fair ☐ Good

- The Quileute Tribe does supplemental spawner surveys on this channel. Past information has reported no adult activity to some activity.

**Other species access and use:** ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

- Cutthroat were minnow trapped on 3/11/98 near the upper reach.

**Habitat Improvements:**

**Enhancement opportunities:**

- Modify egress.
- Make pond accessible (presently, no equipment access).

**Additional Comments:**

**Attachments Available:**

Contact respective SSHEAR habitat biologist for the following checked items:

(X) Aerials	(X) Sketch	(X) Maps	( ) Culvert Report
( ) Other references	( ) Spawning surveys	(X) Juvenile trapping	( ) Fishway Report

**DATE:** 3-11-98

**OBSERVER:** Powell

**MINNOW TRAPPING REPORT**

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	COHO	CATCH			COTTID
						TROUT			
						RBT	CUTT	0+	
1	3/10	7.0°C	3/11		0	0	3	0	1
2	3/10	7.0°C	3/11		0	0	10	0	0
3	3/10	7.0°C	3/11		0	0	1	0	0
<b>TOTALS:</b>					0	0	14	0	1

**COMMENTS:**

- Trap #1 was placed ~ 15 feet downstream from stringer bridge.
- Trap #2 was placed ~ 5 feet upstream from stringer bridge.
- Trap #3 was placed ~ 10 feet upstream from trap #2.

**DATE:** 6-4-98

**OBSERVER:** Powell

The flow at the bridge crossing was  $\leq$  75 gpm.

**DATE:** 8-20-98

**OBSERVER:** Powell

A minor flow at the bridge crossing. Pond is holding water; level of pond is high. Observed fish rising in the pond.

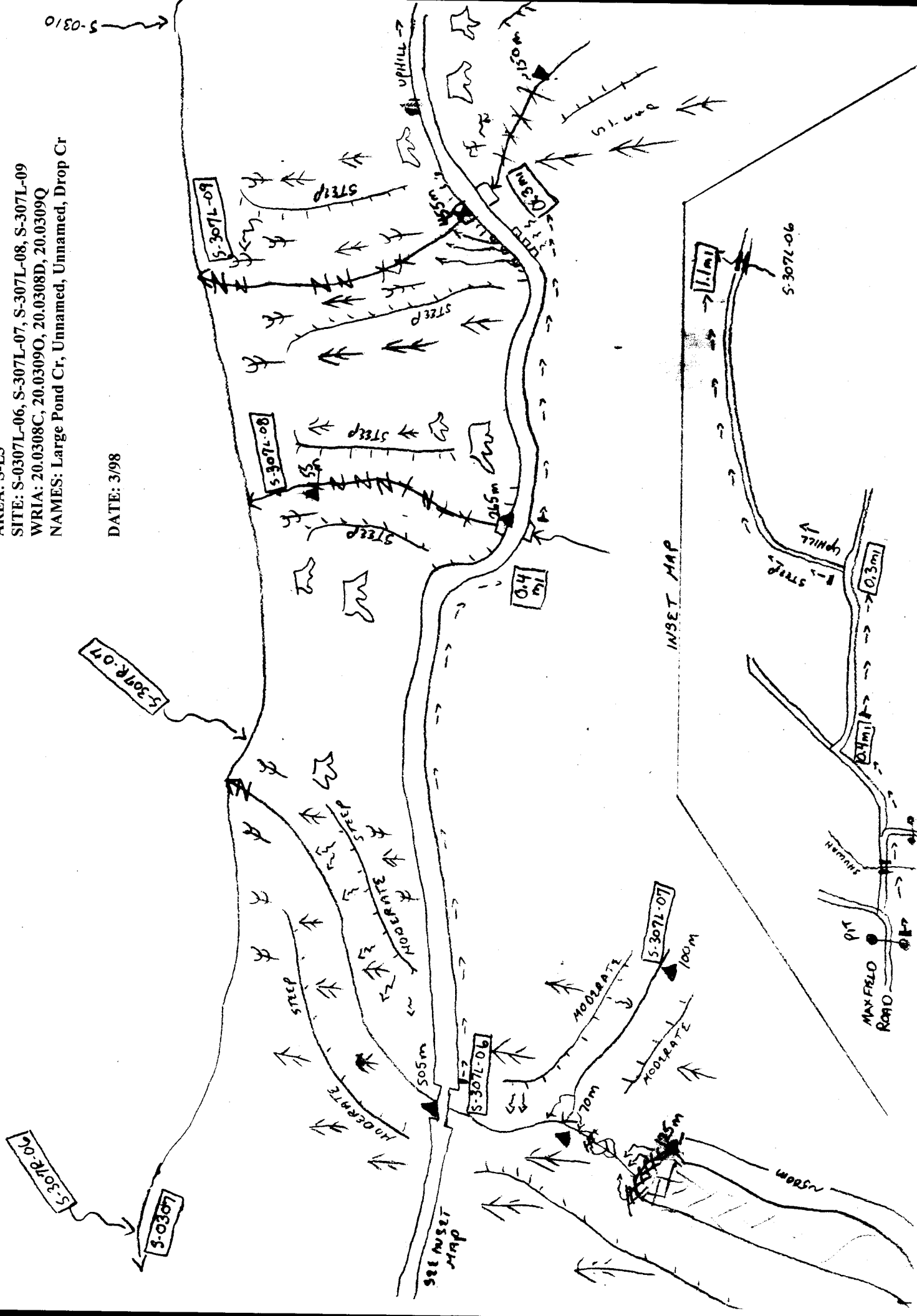
**AREA: S-L3**

**SITE: S-0307L-06, S-307L-07, S-307L-08, S-307L-09**

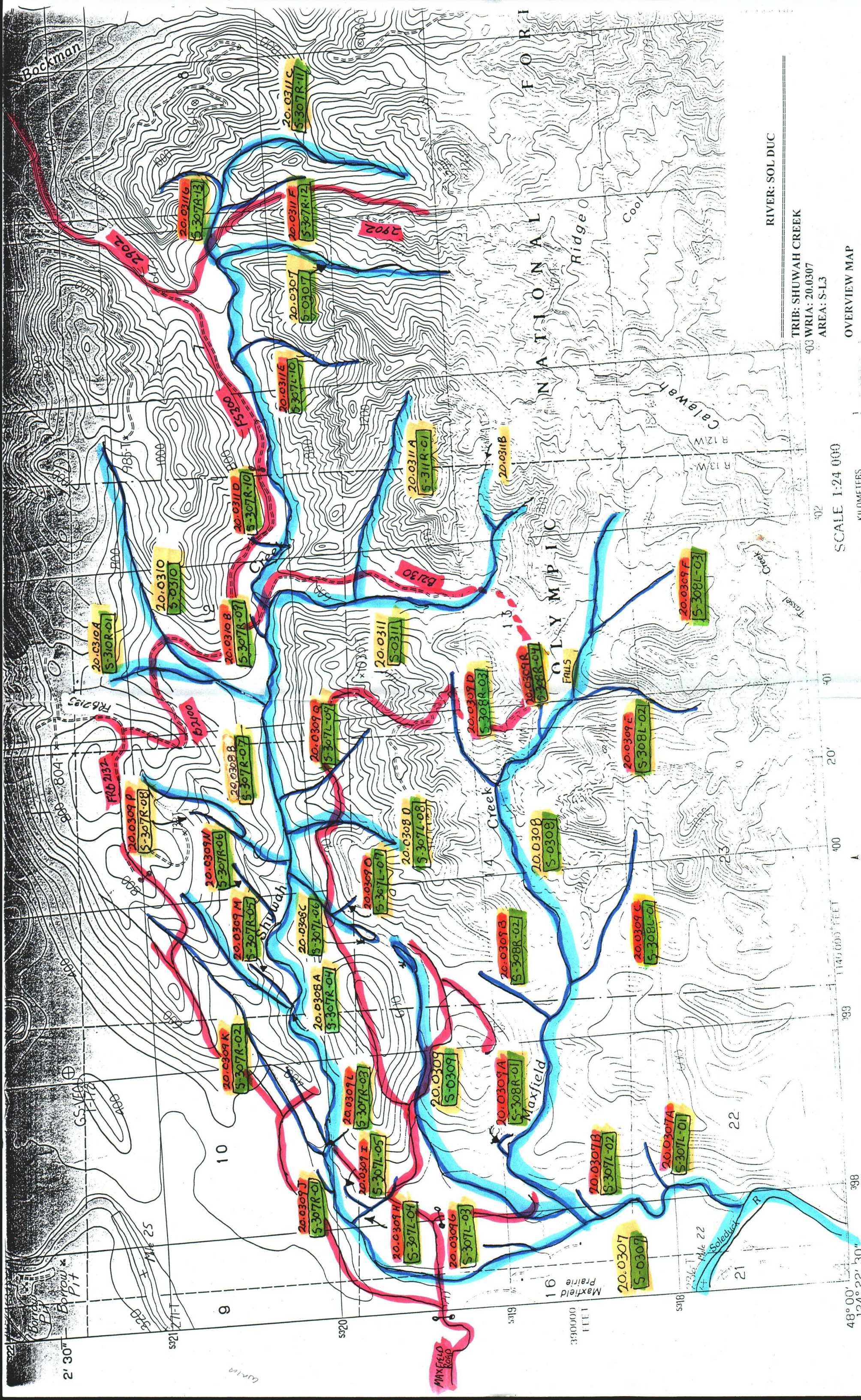
WRIA: 20.0308C, 20.0309O, 20.0308D, 20.0309Q

**NAMES: Large Pond Cr, Unnamed, Unnamed, Drop Cr**

DATE: 3/98







TRIB: SHUWAH CREEK  
WRIA: 20.0307  
AREA: S-L3

SCALE 1:24 000  
KILOMETERS  
METERS

OVERVIEW MAP  
1998

48° 00' 124° 22' 30"



# RIVER: SOL DUC RIVER

AREA: S-L3

AREA MAP

9/96

